

# Appendix I. *Deepwater Horizon* Investigation Fault Trees

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**Appendix Ia.** Well integrity was not established or failed

**Appendix Ib.** Hydrocarbons entered the well undetected and well control was lost

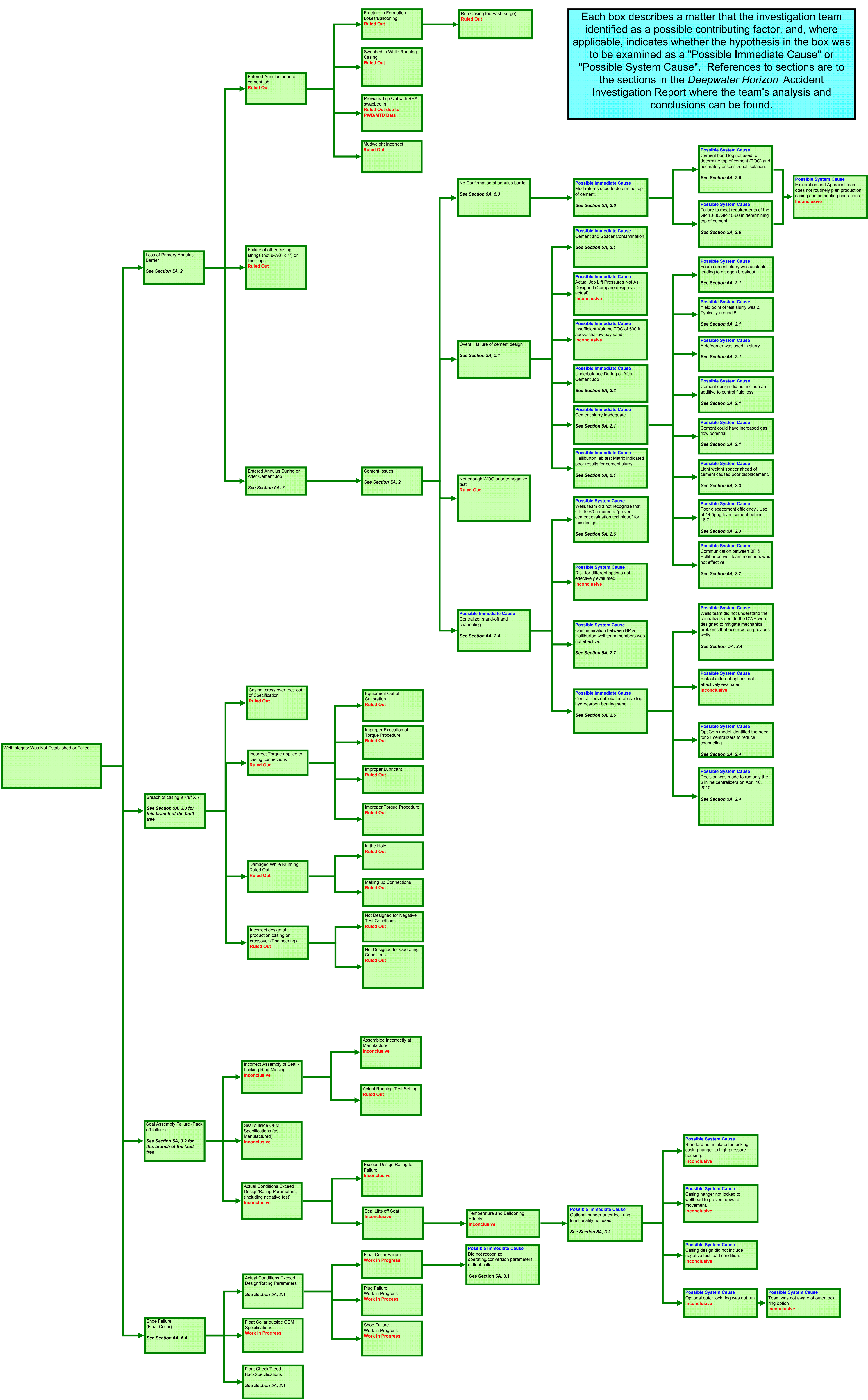
**Appendix Ic.** Hydrocarbons ignited on *Deepwater Horizon*

**Appendix Id.** The blowout preventer did not seal the well



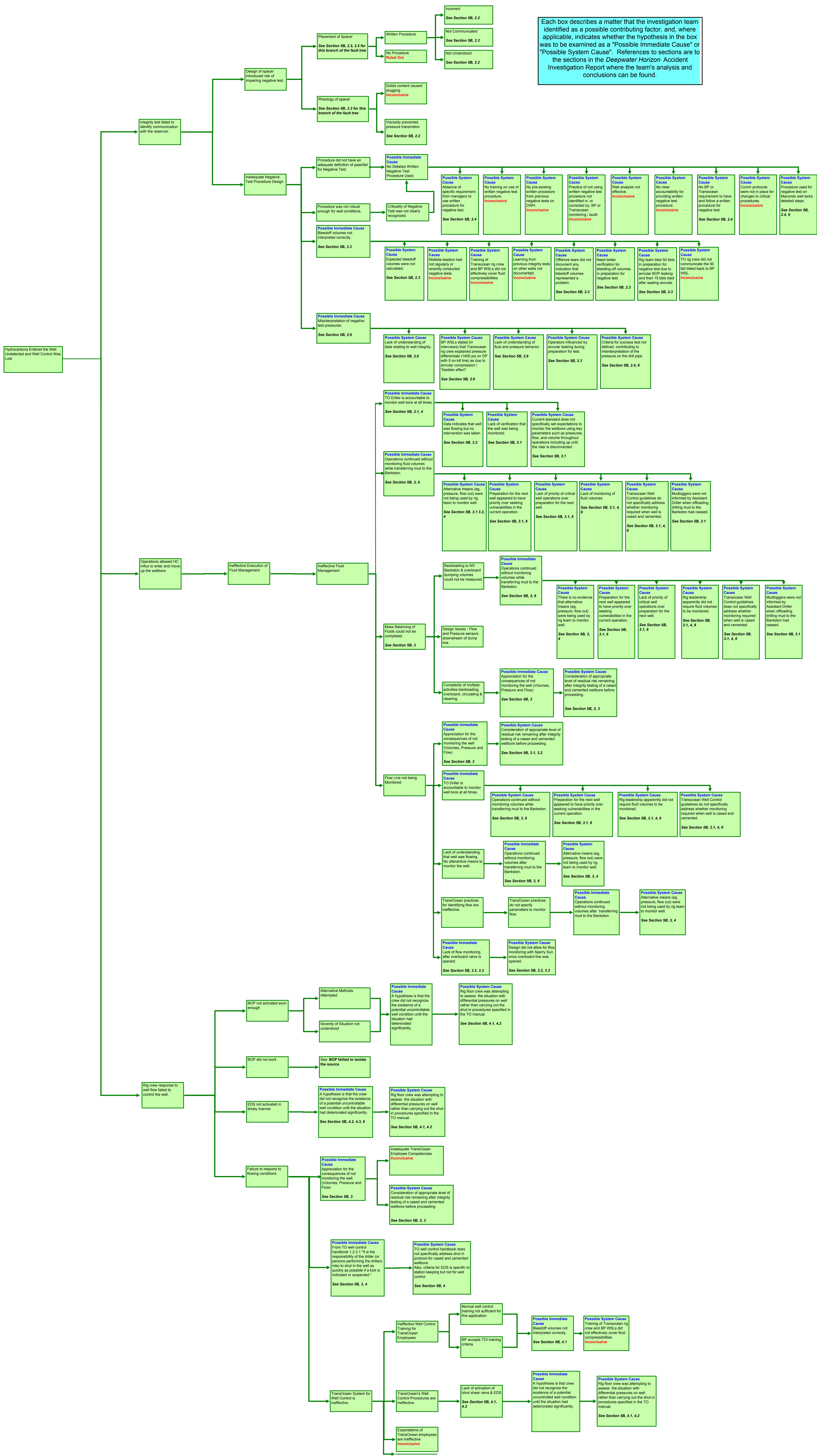
CRITICAL FACTOR  
WELL INTEGRITY WAS NOT ESTABLISHED OR FAILED

Each box describes a matter that the investigation team identified as a possible contributing factor, and, where applicable, indicates whether the hypothesis in the box was to be examined as a "Possible Immediate Cause" or "Possible System Cause". References to sections are to the sections in the *Deepwater Horizon* Accident Investigation Report where the team's analysis and conclusions can be found.





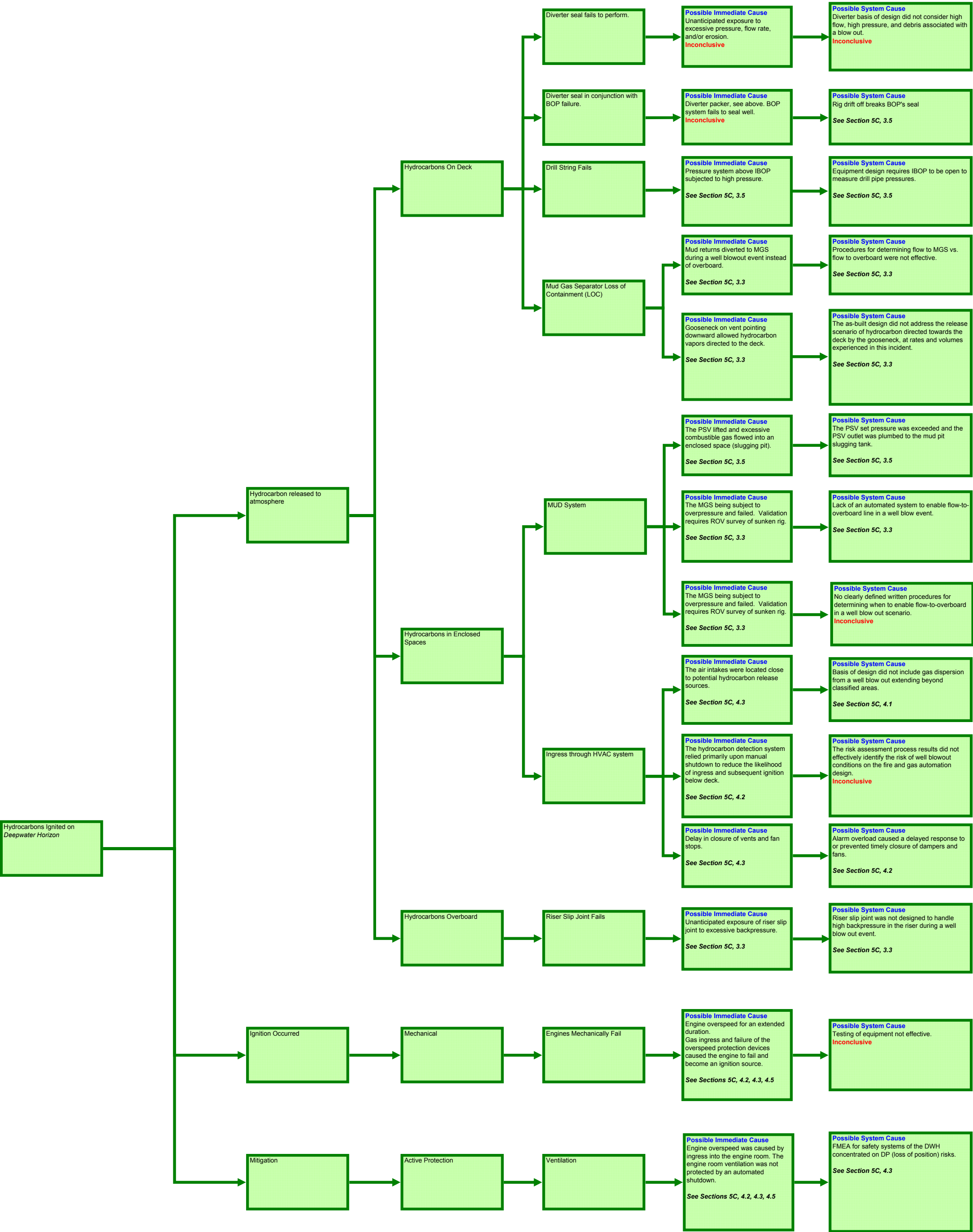
**CRITICAL FACTOR**  
**HYDROCARBONS ENTERED THE WELL UNDETECTED AND WELL CONTROL WAS LOST**





CRITICAL FACTOR  
HYDROCARBONS IGNITED ON *DEEPWATER HORIZON*

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CRITICAL FACTOR

THE BLOWOUT PREVENTER DID NOT SEAL THE WELL

Each box describes a matter that the investigation team identified as a possible contributing factor, and, where applicable, indicates whether the hypothesis in the box was to be examined as a "Possible Immediate Cause" or "Possible System Cause". References to sections are to the sections in the *Deepwater Horizon* Accident Investigation Report where the team's analysis and conclusions can be found.

